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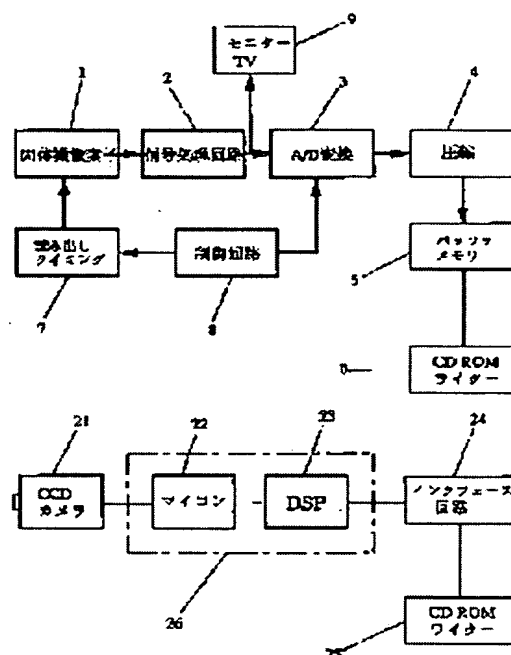
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(54) MONITORING DEVICE

(57)Abstract:

PURPOSE: To preserve an inputted image as a moving image by digitizing the inputted image, compressing the quantity of information while using an encoding system, and recording that image while increasing the number of frames when there is any change.

CONSTITUTION: Signal processing is performed to an image inputted to a CCD camera 1 by a block 2 and a video signal is processed into analog and further compression-encoded by a block 4. In this case, a compression algorithm 26 is composed of a signal processing processor DSP23 and a microcomputer 22 and since a buffer memory 5 for writing the signal in a CD-ROM writer 6 is compressed, the capacity thereof is less in comparison with the amount of source signals. Then, the encoded and stored image is inversely converted and expanded, so that the original source picture can be reproduced with fidelity. Since this image is a still picture, it can be also recorded as a dynamic image by adjusting the number of frames corresponding to the purpose of a monitored place. When it is desired to check an entering person at a bank or the like, for example, by utilizing the pattern matching or differential matching between preceding and following images, the number of frames is increased when there is any change, and the image can be recorded as a dynamic image by motion.



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